

IN THE SPECIFICATION

Please replace the paragraph beginning at page 17, line 30 with the following:

The current source 56 maintains a constant current I_0 through Q1 and Q2, thereby establishing a certain voltage across the series-connected base-emitter junctions of Q1 and Q2. Assuming Q1-Q4 ~~has~~ have equal emitter areas, and neglecting the effect of R_S for now, the current through Q3 and Q4 is:

$$I_{C1} = I_0 \exp\left(\frac{-Vx}{2V_T}\right) \quad (\text{Eq. 16})$$